

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

21. (Currently amended): An isolated antibody ~~that binds with~~ specific for an HIV-2 protein selected from gp300, p200, and p90/80.

22. (Previously presented): An isolated antibody according to claim 21, wherein the HIV-2 protein is gp300.

23. (Previously presented): An isolated antibody according to claim 21, wherein the HIV-2 protein is p200.

24. (Previously presented): An isolated antibody according to claim 21, wherein the HIV-2 protein is p90/80.

25. (Previously presented): An isolated antibody according to claim 21, wherein the antibody is labeled with one or more immunoassay labels.

26. (Previously presented): An isolated antibody according to claim 25, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

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27. (Previously presented): An isolated antibody according to claim 21, wherein the antibody is a polyclonal antibody.

28. (Previously presented): An isolated antibody according to claim 21, wherein the antibody is a monoclonal antibody.

29. (Previously presented): An isolated antibody according to claim 22, wherein the HIV-2 protein gp300 is a glycoprotein of HIV-2 having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

30. (Cancelled).

31. (Currently amended): An isolated antibody according to claim 23, wherein the HIV-2 protein p200 is ~~a substantially~~ an unglycosylated protein of HIV-2 having an apparent molecular weight of about 200 kilodaltons (Kd) by SDS-PAGE.

32. (Currently amended): An isolated antibody according to claim 24, wherein the HIV-2 protein p90/p80 is ~~a substantially~~ an unglycosylated protein of HIV-2 having an apparent molecular weight of about 90 kilodaltons (Kd) to about 80 Kd by SDS-PAGE.

33. (Currently amended): An isolated antibody ~~that binds with~~ specific for gp300_{SIV}.

34. (Previously presented): An isolated antibody according to claim 33, wherein the antibody is labeled with one or more immunoassay labels.

35. (Previously presented): An isolated antibody according to claim 34, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

36. (Previously presented): An isolated antibody according to claim 33, wherein the gp300_{SIV} is a glycoprotein of SIV having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

37. (Previously presented): An isolated antibody according to claim 33, wherein the antibody is a polyclonal antibody.

38. (Previously presented): An isolated antibody according to claim 33, wherein the antibody is a monoclonal antibody.